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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

Regarding claim 1, Applicant argues combining the teachings of Ludwig and Tomlins results in a system in which a
payload and a header may be separately transmitted, but both are transmitted in the same mode. Thus,
Ludwig and Tomlins, taken individually or in combination, fail to teach or suggest "a bit stream, to which
header information has been added by undergoing each communication protocol layer, is transmitted in an
unacknowledged mode protocol, and only the header information in the bit stream is separately transmitted in
an acknowledged mode protocol." Since Zhu fails to cure the deficient teachings of Ludwig and Tomlins in this
regard, Applicant submits that claim 1 is patentable over the combination of Ludwig, Tomlins, and Zhu
because the cited references fail to teach or suggest all of the features of claim 1.

Examiner respectfully disagrees.

Examiner contends the combined system of references Ludwig and Tomlins and Zhu teaches all the
limitations as disclosed in claim 1.

The combined system of references Ludwig and Tomlins, teaches "a bit stream, to which header information
has been added by undergoing each communication protocol layer, is transmitted in an unacknowledged
mode protocol, and only the header information in the bit stream is separately transmitted in an acknowledged
mode protocol."

Examiner interpreted a bit stream, to which header information has been added by undergoing each
communication protocol layer as "passing data through the layers" , see Ludwig, Fig 5, col. 2, lines 10 – 33,
col. 17, lines 4 – 15 is transmitted in an unacknowledged mode protocol in interpreted as "no unacknowledged
numbered mode packets is allowed to be outstanding", see Ludwig col. 15, lines 50 – 56, and only the header
information in the bit stream is transmitted in an acknowledged mode protocol is interpreted as "by means of
acknowledgement messages", see Ludwig, col. 4, lines 13 – 22, Fig. 5, col. 14, lines 66 – 67.

Reference Tomlins remedy the deficiencies by disclosing transmitting, from the first terminal to the second
terminal, the header separately from the bit stream and only the header information in the bit stream is
separately transmitted.

Examiner interpreted transmitting, from the first terminal to the second terminal, the header separately from
the bit stream and only the header information in the bit stream is separately transmitted as "transmitting said
payload and control information in parallel over separate serial lines" interpreted as transmitting, from the first
terminal to the second terminal, the header separately from the bit stream and only the header information in
the bit stream is separately transmitted; see Tomlins, col. 2, lines 51 – 62, Fig. 2, Fig. 7.

While reference Zhu remedies the deficiencies of the combined system of Ludwig and Tomlins by disclosing
coding source data into the bit stream using a predetermined type of coding. Examiner interpreted coding
source data into the bit stream using a predetermined type of coding as using H.263 representing a picture in
an encoded video bitstream, see Zhu col. 1, lines 33 – 34.

Hence, the combined system of references Ludwig and Tomlins and Zhu teaches all the limitations as disclosed in claim 1.

/Andrew C Lee/
Examiner, Art Unit 2419